

**DETAILED ACTION**

1. Applicant's response and amendment received May 27, 2008 is acknowledged.

Claims 1-64, 66, and 68-71 have been canceled.

Claims 65, 67, 72, and 73 have been amended.

Claims 65, 67, 72, and 73 are pending in the instant application.

Applicant's amendment to the first line of the specification to update priority information is acknowledged.

Applicant's IDS received May 27, 2008 is acknowledged and has been considered.

Applicant's claim amendments received May 27, 2008 have overcome all outstanding rejections of record.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Gary Gershik on August 26, 2008.

The application has been amended as follows:

In the claims:

In claim 65, the phrase "having amino acids in the sequence set forth in" has been deleted and has been replaced with -- comprising the amino acid sequence of --.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Szperka whose telephone number is (571)272-2934. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eileen O'Hara can be reached on 571-272-0878. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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